

**Name: Albert Ayeni**

Department of Plant Biology and Pathology  
Foran Hall, Room 268, Cook College, Rutgers University

Phone: \_\_2-9711 x211; Fax: \_2-3844; E-mail: \_\_ayeni@aesop.rutgers.edu

**Professional Preparation:**

Undergrad: University of Ibadan (Ibadan, Nigeria) Major: Agronomy (Crop Science)

Degree: B.Sc, Year: 1974

Graduate: Cornell University (Ithaca, NY)

Specialization: Weed Science

Degree: M.S.; Year: 1978

Graduate: Cornell University (Ithaca, NY)

Specialization: Weed Science;

Degree: Ph.D. Year: 1982

**Professional Appointments:**

2003 – present: Assistant Director, Cook/NJAES International Programs

2001 – 2003: Coordinator, Cook/NJAES International Programs

2000 – 2003: Program Associate in Weed Science, RAREC, Bridgeton.

1999 – 2000: Research Associate in Weed Science, RAREC, Bridgeton

1997 – 1998: Interim Weed Extension Specialist, Turf & Ornamentals, RAREC,  
Bridgeton

1995 – 1997: Visiting Weed Scientist, RAREC, Bridgeton

1978 – 1999: From Assistant Lecturer to Senior Lecturer in Agronomy and Weed  
Science, University of Ibadan, Ibadan, Nigeria

**Scholarly articles (limited to 10 of the most significant in the last 5 years):**

Authors. Year. Title. Journal name and volume: pages.

Belding, R. O., B. A. Majek, G. R. Lokaj, J. Hammerstedt and **A. O. Ayeni**. 2004.  
Orchard floor management influence on summer annual weeds and young peach  
tree performance. *Weed Technology* 18: (Accepted)

Alabi, B.S., **A.O. Ayeni**, A.A. Agboola, and B.A. Majek. 2004. Manual control of thorny  
mimosa (*Mimosa invisa*) in Cassava (*Manihot esculenta*). *Weed Technology* 18:  
(Accepted)

Belding, R.D., B.A. Majek, G.R. Lokaj, J. Hammerstedt and **A.O. Ayeni**. 2003. Orchard  
floor preparation did not affect early peach tree performance on Aura Sandy  
Loam. *Hort Tech.* 13:321-324

Alabi B.S., **A.O. Ayeni**, A. A. Agboola and B.A. Majek. 2001. Giant sensitive plant  
interference in cassava. *Weed Science* 49:171-176

VanGessel, M.J., **A.O. Ayeni**, and BA. Majek. 2001. Glyphosate in full-season no-till  
glyphosate-resistant soybean: role of preplant applications and residual  
herbicides. *Weed Technology* 15:714-724

- VanGessel, M.J., **A.O. Ayeni**, and B.A. Majek. 2001. Glyphosate in double-crop no-till glyphosate- resistant soybean: role of pre-plant applications and residual herbicides. *Weed Technology* 15:703-713
- VanGessel, M.J., **A.O. Ayeni**, and B.A. Majek. 2000. Optimum glyphosate timing with or without residual herbicides in glyphosate-tolerant soybean under conventional tillage. *Weed Technology* 14:140-149.
- Alabi, B.S., **A.O. Ayeni**, and A. A. Agboola. 1999. Effect of selected herbicides on the control of thorny mimosa in cassava. *Nigerian Journal of Weed Science* 12:51-57
- Udensi, U.E., I. O. Akobundu, **A.O. Ayeni**, and D. Chikoye. 1999. Management of cogongrass (*Imperata cylindrica*) with velvetbean (*Mucuna pruriens* var. *utilis*) and herbicides. *Weed Technology* 13:201-208.

**Books edited:**

Editors. Year. Title. Publisher. Number of Pages.

**Ayeni, A. O.** (Ed.) 2002. *Biotechnology Research and Development Collaboration. Proceedings of the Cook College/New Jersey Agricultural Experiment Station and the Sheda Science and Technology Complex.* Cook/NJAES, Rutgers University. 119 pp

**Collaborations (last five years and excluding Rutgers investigators):**

List in alpha order (Last name, First initial)

Hansen, D.: Pesticide Management Training Program for Policy Makers, International Short Training Program Series, the Ohio State University, Columbus, OH.  
Ongoing

van Gessel, M. J.: Weed control in genetically modified corn and soybean, University of Delaware Research and Education Center, Georgetown, DE 1996 to 2001

**Major Funding (last five years, include names of co-PIs):**

Period	Source	Project Title	Amount	Co-PI
2004	Xechem International, Inc	Cook/NJAES International Program Support Grant	\$5000	
2001	NJAES	Sustainable Agriculture Symposium	\$1500	Shane Ball
2001-2002	Northeast SARE	Weed Density Studies PSU-Cook/NJAES Collaboration	\$45,000	B. A. Majek

2001-2002	Northeast SARE	Weed Emergence Studies PSU-Cook/NJAES Collaboration	\$35,000	B. A. Majek
2001	NJAES	Program Enhancement Grant	\$5000	Jim Simon
2000-2001	NJAES	Mugwort Management in Shade Trees	\$9000	B.A. Majek
1999-2001	Northeast SARE	Postemergence Weed Management Grant	\$60,000	B. A. Majek
1997-2000	Northeast Cranberry Association	Cranberry Research Grants	\$50,000	B. A. Majek

**Major Extension Program Accomplishments (limit to top 5 for last 5 years):**

- Ayeni, A.O.** 1999. Guide to chemical weed control: Landscape Management, Greenhouses, Christmas Trees, and Production Nursery. In: Pesticides for New Jersey, 1999. A. B. Gould and G.C. Hamilton (Coord). Rutgers Cooperative Extension, New Brunswick, NJ. Pp W54-W72
- Ayeni, A.O.,** B.A. Majek, J.R. Johnson, and R.G. Obal. 1999. Container nursery weed control: Bittercress, groundsel, and Oxalis. Rutgers Cooperative Extension Fact Sheet #939 4pp
- Ayeni, A.O.,** B.A. Majek, J. Meade and M.C. Vodak 1999. Weed Control for Christmas Trees. Part I: At Plantation establishment. Rutgers Cooperative Extension Fact Sheet #932 4pp
- Ayeni, A.O.,** B.A. Majek, J. Meade, and M.C. Vodak. 1999. Weed Control for Christmas Trees Part 2: Established Plantation. Rutgers Cooperative Extension Fact Sheet #933. 4pp

Between 1998 and 2001 I contributed 11 articles to the Plant and Pest Advisory: Landscape, Nursery and Turf Edition – a publication of Rutgers Cooperative Extension

**Major Teaching Responsibility in Graduate or Undergraduate Courses (limit to 5 courses for last 5 years):**

Title of Course      Course Number      Credits      Years Taught  
 Perspectives in Agriculture and the Environment; 11-015-101; 2 credits; Fall 2003

Modern Crop Production; 11-776-200; 3 credits; Spring 2004

**Major Extension Teaching Responsibility (list limited to 5 major items or categories for last 5 years):**

Management of weeds in Turf, RCE of Union County, Randolph, NJ January 8 1999 (Attendance 200+)

Integrated weed management in the Landscape, Office of Continuing Professional Education, Cook College, New Brunswick, January 26, 1999 (Attendance 50+)

Weed Management in Christmas tree plantations, Annual meeting of New Jersey Christmas Tree Growers Association, Freehold, NJ. January 30, 1999 (Attendance 150+)

**Graduate Students (last five years):**

List in alpha order (last name, first initial) and include thesis topic

Alabi, B.S., Ph. D. 1999. The biology and control of spiny mimosa (*Mimosa* sp.) in cassava in a humid tropical environment.

Aliyu, I.Y. Ph.D. 2000. Growth studies and chemical control of wild rice (*Oryza longistaminata*) in lowland rice (*O. sativa*)

Makinde, J.O., Ph.D. 1999. Influence of land preparation on the effectiveness of maize herbicides in southwestern Nigeria.

Prior to 1999 I had directed six other Ph.D., one M.Phil, 38 MS, and 31 BS research projects.

**Postdoctoral Associates (last five years):** None

**Major Service Activities (List up to 5):**

2004: Consultant to Xechem International, Inc. on raw material generation for NICOSAN manufacture

2003 – present: Coordinator, Rutgers University/University of Puerto Rico Student Internship

2002 – present: Associate Editor, Weed Science Society of America

2002 – present: New Jersey Representative for the Association for International Agriculture and Rural Development (AIARD)

2001 – 2002: Chair Vegetable Crops Section, Northeast Weed Science Society

2001: Coordinator, Cook/NJAES-SHESTCO Biotechnology Research and Development Conference